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Q9

Discuss the potential threats of Cyber attack and the security framework to prevent it.

UPSC Civil Services Mains 2017 · GS III · 10 marks · Cyber Security and Money Laundering

Challenges to internal security through communication networks, role of media and social networking sites in internal security challenges, basics of cyber security; money-laundering and its prevention.

Facts & figures for this PYQ only.

Numbers move. Confirm the latest Budget, Economic Survey or census round. This sheet is for revision, not a substitute for the model answer.

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IT Act 2000

Principal law on cyber offences and electronic records; 2008 amendment strengthened provisions on critical infrastructure and CERT-In.

CERT-In

Indian Computer Emergency Response Team: national agency for cyber incident response, advisories and reporting directions.

NCIIPC

National Critical Information Infrastructure Protection Centre: NTRO body that guides protection of designated CII sectors.

National Cyber Security Policy 2013

Union policy for a secure cyberspace, PPP, and capacity building, still the named national policy framework in this period.

Cyber Swachhta Kendra

CERT-In botnet cleaning and malware detection service aimed at infected citizen and enterprise machines.

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